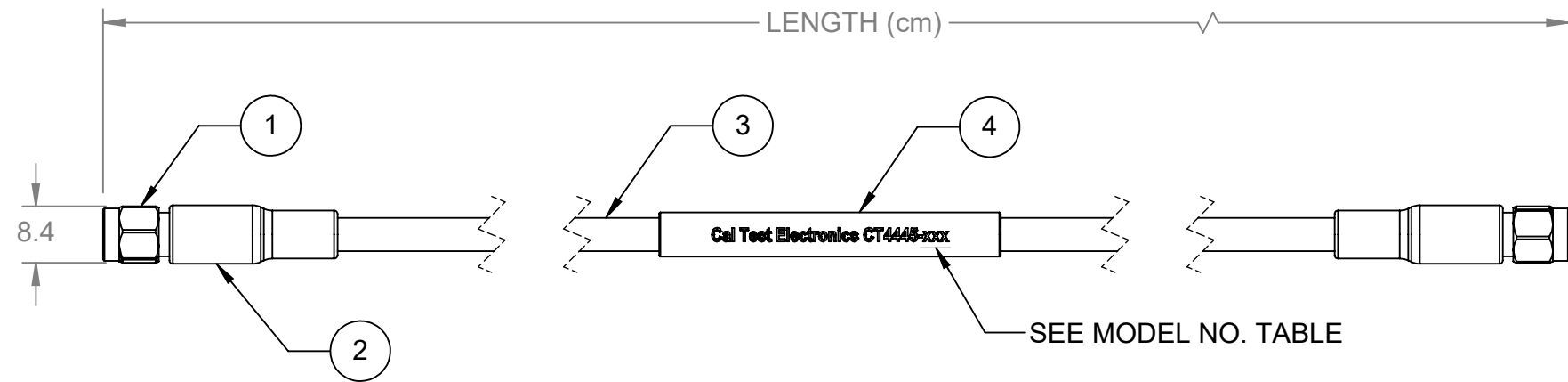


THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/19/2021	

NOTES:

- ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
- MATERIAL:
 - SMA MALE CONNECTOR -
 - BODY: BRASS, NICKEL PLT.
 - DIELECTIC: PTFE
 - CENTER CONDUCTOR: BRASS, GOLD PLT.
- ELECTRICAL:
 - IMPEDANCE: 50 Ω
 - FREQUENCY RANGE: DC - 8 GHZ
 - VSWR: 1.30:1 MAX. @ 8 GHZ
 - OPERATING FREQUENCY MAX.: 8 GHZ
 - RF SHIELDING: 90 DB
 - VELOCITY OF PROPAGATION: NOM. 69.2%
 - CAPACITANCE: 96.5 PF/m
- MECHANICAL:
 - OPERATING TEMPERATURE: -45°C TO +125°C
 - CABLE BEND RADIUS:
 - REPEATED MIN. - 50.8 mm
 - ONE-TIME MIN. - 25 mm
- RECOMMENDED CONNECTOR TIGHTEN TORQUE:
 - SMA : 0.34 - 0.57 NM
- ROHS 2 COMPLIANT.



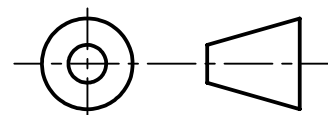
CT4445-100	100 ±1.5	-100
CT4445-60	60 ±1.0	-60
MODEL NUMBER	LENGTH & TOLERANCE IN cm	MODEL NUMBER -XXX EXTENTION

MODEL NUMBER TABLE

4	LABEL SLEEVE, BLACK SHRINK TUBING WITH WHITE LETTERING
3	RG142B/U COAXIAL CABLE
2	POLYOLEFIN SHRINK TUBING W/ADHESIVE, BLACK
1	SMA MALE CONNECTOR
ITEM NO.	DESCRIPTION

METRIC

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: PER DIN ISO 2768m

DO NOT SCALE DRAWING

MATERIAL SEE NOTES

TREATMENT N/A

FINISH SEE NOTES

PROJECT NO.

A662

APPROVALS

DATE

DRAWN

WDH

1/19/2021

CHECKER

T.Schmidt

1/19/2021

ENGR.

B.Hansen

1/19/2021

DESIGN ACTIVITY

Cal Test Electronics

22820 Savi Ranch Parkway
Yorba Linda, CA 92887

TITLE

RF CABLE ASSEMBLY, SMA MALE TO SMA MALE, RG142B/U

SIZE **B**

CAGE CODE **43F45**

DWG. NO.

P444500

REV. **A**

SCALE 1:1

SHEET 1 OF 1